

ABSTRACT

It is possible to provide a brush-less type rotation detector shielding structure capable of reducing the interference of magnetic flux leaking from a rotation transformer to a stator iron core and rotor iron core and suppressing lowering of the angle detection accuracy. As shown in Fig. 1, the shielding structure is used for a brush-less type rotation detector including: a rotation transformer having a rotor transformer (3) and stator transformer (4); a signal modulation section having a stator iron core (2) and a rotor iron core (1); and a case (5) for containing them. The shielding structure has a main configuration having a stator magnetic shielding section (44) capable of magnetically shielding between the stator iron core (2) constituting the signal modulation section and the stator transformer (4).